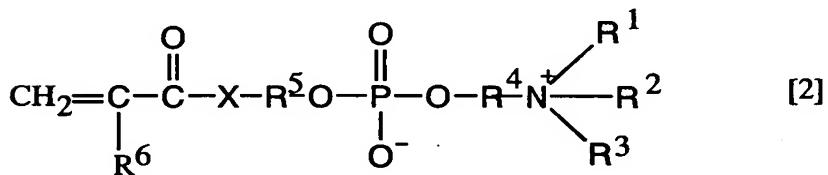


ABSTRACT

An object of the present invention is to provide an immunoassay of PSA using an agglutination accelerator, 5 which has an agglutination accelerating effect equal to or stronger than the known agglutination accelerator; hardly generates non-specific turbidity; and hardly generates salting out even in a solution with a high salt concentration. The present invention relates to an immunoassay of a 10 prostate-specific antigen comprising performing an antigen-antibody reaction in the presence of a polymer having a monomer unit derived from a monomer represented by the following general formula [2]:



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(wherein R¹-R³ are each independently a hydrogen atom or an alkyl group optionally having a hydroxyl group; R⁴ is an alkylene group; R⁵ is an alkylene group optionally having a substituent and optionally having an oxygen atom in a chain; R⁶ is a hydrogen atom or a methyl group, and X is an oxygen atom or a -NH- group), and a kit of reagent for an immunoassay comprising a reagent containing an agglutination accelerator for the immunoassay.

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